



# Air Disinfection

# ND Process Air 2501/4

## Applications:

- Process air required sterile without the use of chemicals

For use in:	
<ul style="list-style-type: none"><li>• Production of utensils</li></ul>	<ul style="list-style-type: none"><li>• The pharmaceutical</li></ul>
<ul style="list-style-type: none"><li>• Food productions</li></ul>	<ul style="list-style-type: none"><li>• Laboratories</li></ul>

## Item description:

ND Process Air 2501/4 consists of four reactors that are installed in series. The unit can be easily installed in piping systems where the introduced air passed through the reactors and sterilized along the way.

The unit is distinguished by its extraordinarily high disinfecting capacity, compact design and low energy consumption. It is manufactured in accordance to laws, standards and rules. Its compact construction allows for a light bulb change without the use of tools.

The system is equipped with sound and light error message function, so any errors in the system are detected immediately.

With ND Process Air 2501/4, you get sterile air without the use of chemicals, and without the degradation of smell and taste. In addition, there are low operating costs, as well as a limited need for maintenance.



## Information on disinfection performance:

Guaranteed UVC dose	60% humidity	90% humidity
30 J/m <sup>2</sup>	200 m <sup>3</sup> /t	120 m <sup>3</sup> /t
90 J/m <sup>2</sup>	70 m <sup>3</sup> /t	40 m <sup>3</sup> /t

## The UV lamp:

The UV lamps are known for long durability, high degree of disinfection and low energy consumption. The device configuration allows easy access to bulb replacement and other maintenance.

The lamp is designed for a lifetime of 8,000 – 10,000 hours.

### **Technical data:**

Type & product	ND Process Air 2501/4		
Disinfection capacity	Up to 200 m <sup>3</sup> of air per hour		
Dimensions H x W x D i mm reactors	928 x 372 x 85	Maximum temperature	60°C / 90°C
Dimensions H x W x D i mm cabinet	600 x 600 x 210	Housing type	IP 65
Number of reactors	4 x ND 2501	Electrical connection	3~/N/PE 50Hz 400/230V
Lamp life	8.000 -10.000 hours	Effect	4 x 90W (til 60°C) 4 x 106W (til 90°C)
External tread	R 1 ½"	Fuse	3 x 6A or 3 x 10A

### **Accessories:**

- Timer that counts operating hours to ensure proper bulb change
- Mounting kit for easy mounting of the unit on the wall. Including clamps for the unit and control box
- Potential-free contact

### **Other products in the family:**

Single unit from 60 to 400 m<sup>3</sup> of air per hour

Units for other use: surface disinfection, water, air disinfection active and passive, Cleanbox og Tunnels.

### **Warning:**

UV irradiation is dangerous to skin and eyes! Protect both eyes and skin form UV radiation. The user is responsible for their own safety and the safety of the people who are staying in areas with installed UV units.

Please note that non-UVC-resistant materials may be damaged.